

[54] APPARATUS FOR SURFACE WAVE PARAMETER DETERMINATION

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[57] ABSTRACT

An improved method and apparatus for determining the parameters of a near surface layer and particularly the parameters of the weathering layer utilizing the variation of phase velocity with respect to frequency of surface waves generated by a continuously varying frequency signal and subsequently utilizing the determined parameters of the weathering layer to calculate a time correction factor to correct the reflection traces of a seismogram.

3 Claims, 4 Drawing Figures

